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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

OR51G1 (Human) Recombinant Protein (P01)

Catalog Number: H00079324-P01

Regulation Status: For research use only (RUO)

Product Description: Human OR51G1 full-length ORF (NP_001005237.1, 1 a.a. - 321 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MTILLNSSLQRATFFLTGFQGLEGLHGWISIPFCFIYLTV
ILGNLTILHVICTDATLHGPMYYFLGMLAVTDLGLCLST
LPTVLGIFWFDTREIGIPACFTQLFFIHTLSSMESSVLLS
MSIDRYVAVCNPLHDSTVLTPACIVKMGLSSVLRSA
LPLPFLKRFQYCHSHVLAHAYCLHLEIMKLACSSIIVN
HIYGLFVVACTVGVDLLIFLSYALILRTVLSIASHQERL
RALNTCVSHICAVLLFYIPMIGLSLVHRFGEHLPRVVHL
FMSYVYLLVPLMNPIIYSIKTKQIRQRIKKFQFIKSLRC
FWKD

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 62.7

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 79324

Gene Symbol: OR51G1

Gene Alias: OR11-29, OR51G3P

Gene Summary: Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms. [provided by RefSeq]